



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D350-822-013
Job Sheet 181969



005092

Part No: D350-822-013 Job Qty: 3 ea
Part Name: PA100 PUREair System for AS350/EC130 - Provisions



Part Weight: 0 lbs Status: Scheduled Priority: Medium
Job Created: 8/14/18 Job Tracking No:
Due Date: 9/19/18 Created By: Marie Lajeunesse
Type: SOLD Description:

Note: IIN-D350-822 REV.H IPP REV:A 16.09.01 NEW ISSUE DD VERF:JFS IPP Rev.B 17.07.11 As per IIN Rev.G
DP Verify DD IPP REV:C 18.07.11 AS PER IIN REV.H DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier			
90	Start up Operation	3 Ea	9/19/18	9/19/18	0.00	0.00	Start Up Stores/Pkg-1			AUG 22 2018
110	Packaging	3 pcs	9/19/18	9/19/18	0.00	0.00	Packaging1-4			SEP 17 2018
120	QC	3 pcs	9/19/18	9/19/18	0.00	0.00	QC4			SEP 17 2018
130	Packaging	3 pcs	9/19/18	9/19/18	0.00	0.00	Packaging3-1			SEP 17 2018
135	DC	3 pcs	9/19/18	9/19/18	0.00	0.00	DC			SEP 17 2018
140	QC21-FG	3 Ea	9/19/18	9/19/18	0.00	0.00	QC21			SEP 17 2018

Part Op 130 - Identify and pack for shipping as per PPP D350-822-013
Descriptions: 135 - Photocopy bluefile & type labels per PPP D350-822-013 CHG003

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
23350CA050	Washer	6 Ea (2 ea)	90-Start up Operation	3013736
650.0401	Pureair Fairing Assembly	3 Ea (1 ea)	90-Start up Operation	3058016x1 3058018x1
8411999090	Gasket - P/N 9752100180	3 pcs (1 ea)	90-Start up Operation	3050827
9945000120	Gasket (for B3e models)	3 pcs (1 ea)	90-Start up Operation	3048154
AN821-12J	Elbow (or AN821-12K or 12S)	6 Ea (2 ea)	90-Start up Operation	3054890
AN929-12J	Cap	3 Ea (1 ea)	90-Start up Operation	3052465x1 3071349x
D4925-041	Mounting Plate Assembly	3 Ea (1 ea)	90-Start up Operation	3067449
D4931-1	Engine Fitting (for acft models B2 & previous)	3 Ea (1 ea)	90-Start up Operation	3059437
D4931-3	Engine Fitting (For B3 Models)	3 Ea (1 ea)	90-Start up Operation	3047934
D4931-5	Engine Fitting (for B3e models)	3 Ea (1 ea)	90-Start up Operation	30472643
D4935-1	Mounting Bracket	18 Ea (6 ea)	90-Start up Operation	3054126x6
D4943-1	Flex Hose	3 Ea (1 ea)	90-Start up Operation	3072110x1 3156119x
D4961-041	Tube Assembly	3 Ea (1 ea)	90-Start up Operation	3055404
D4961-043	Tube Assembly	3 Ea (1 ea)	90-Start up Operation	3110014
D5079-1	Placard, Eaps	6 Ea (2 ea)	90-Start up Operation	3096377
D5090-041	Duct Assembly	3 Ea (1 ea)	90-Start up Operation	3005996
D5105-1	Handle	6 Ea (2 ea)	90-Start up Operation	3047676x4
D5110-1	Swivel Nut Fitting	3 Ea (1 ea)	90-Start up Operation	3047765
D5179-1	Doubler	6 Ea (2 ea)	90-Start up Operation	3048935
D5179-3	Doubler	6 Ea (2 ea)	90-Start up Operation	3044969x2 3048931x4
D5194-1	Doubler	6 Ea (2 ea)	90-Start up Operation	3051509x2
D5208-041	Blanking Plate Assembly	9 Ea (3 ea)	90-Start up Operation	3109842

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/St ☐	
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock P ☐	
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequen ☐	
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off ☐	
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : _____			

DART
 AEROSPACE
 DART Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 CANADA
 TEL: 1 613 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

Part: D350-822-013
 Job No: 181969
 Serial No/Batch: S110721
 Revision: H
 Inspector:
 Exp Date:
 Instructions: TC STC SH14-14-Issue 2, FAA/STC SR03538NY 15/09/22, EASA

Container No: S110721

LN9038-05012	Bolt	108 pcs (36 ea)	90-Start up Operation	5048585x8 14 3071726x8
LN9038-05040	Bolt	3 pcs (1 ea)	90-Start up Operation	FM1362100
LN9348-05	Nut	96 pcs (32 ea)	90-Start up Operation	5074402x45 3109951x5
MS20470AD3-4	Rivet, Universal Head	54 Ea (18 ea)	90-Start up Operation	FM136665-40
MS21919WCH12	Clamp	3 Ea (1 ea)	90-Start up Operation	5014744x2 5029243x1
MS9592-138	Bracket	3 pcs (1 ea)	90-Start up Operation	5014155
NAS1149D0332J	Washer	210 Ea (70 ea)	90-Start up Operation	5035396
NAS43DD3-64	Spacer	3 Ea (1 ea)	90-Start up Operation	5050057
22208CM050016E	Screw	6 pcs (2 ea)	90-Start up Operation	FM138012
9945000160	Gasket	3 Ea (1 ea)	90-Start up Operation	505107210
D5526-1	Upper Hose Protector	3 Ea (1 ea)	90-Start up Operation	509096
D5526-3	Lower Hose Protector	3 Ea (1 ea)	90-Start up Operation	5109112
LN9038-05016	Bolt	6 pcs (2 ea)	90-Start up Operation	FM132409

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	22208CM050016E	6	28	0
	23350CA050	6	38	0
	650.0401	3	10	0
	8411999090	3	8	0
	9945000120	3	6	0
	9945000160	3	3	0
	AN821-12J	6	21	0
	AN929-12J	3	12	0
	D4925-041	3	13	0
	D4931-1	3	21	0
	D4931-3	3	5	0
	D4931-5	3	6	0
	D4935-1	18	24	0
	D4943-1	3	22	0
	D4961-041	3	11	0
	D4961-043	3	0	0
	D5079-1	6	20	0
	D5090-041	3	3	0
	D5105-1	6	8	0
	D5110-1	3	20	0
	D5179-1	6	19	0
	D5179-3	6	34	0
	D5194-1	6	9	0
	D5208-041	9	8	0
	D5526-1	3	1	0
	D5526-3	3	0	0
	LN9038-05012	108	208	0
	LN9038-05016	6	50	0
	LN9038-05040	3	30	0
	LN9348-05	96	156	0
	MS20470AD3-4	54	6,641	0
	MS21919WCH12	3	15	0
	MS9592-138	3	21	0
	NAS1149D0332J	210	2,779	0
	NAS43DD3-64	3	20	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
005092	S104063	22208CM050016E	Screw	fm138012	HandFinish4	6
005092	S104067	23350CA050	Washer	s013736	HandFinish4	6
005092	S058014	650.0401	Pureair Fairing Assembly	S057993	FG106	1
005092	S058016	650.0401	Pureair Fairing Assembly	S057994	FG105	1
005092	S058018	650.0401	Pureair Fairing Assembly	S057995	FG106	1
005092	S048154	9945000120	Gasket (for B3e models)		ST589	3
005092	S104283	AN821-12J	Elbow (or AN821-12K or 12S)	S054890	ST324	6
005092	S057425	AN929-12J	Cap		ST322	1
005092	S104285	AN929-12J	Cap	S071349	ST322	2
005092	S104280	D4925-041	Mounting Plate Assembly	s067449	ST218	3
005092	S104279	D4931-1	Engine Fitting (for acft models B2 & previous)	S059439	ST127	3
005092	S047934	D4931-3	Engine Fitting (For B3 Models)	S047932	ST127	3
005092	S047643	D4931-5	Engine Fitting (for B3e models)	S047639	ST127	3
005092	S057126	D4935-1	Mounting Bracket	S057125	ST128	6
005092	F156119	D4943-1	Flex Hose		ST220B	2
005092	S104274	D4943-1	Flex Hose	S072110	ST220B	1
005092	S104273	D4961-041	Tube Assembly	s055404	ST129	3
005092	S104272	D5079-1	Placard, Eaps	s046377	ST137	6
005092	S047676	D5105-1	Handle	S047675	ST141	4
005092	S104266	D5110-1	Swivel Nut Fitting	s047765	ST142	3
005092	S104265	D5179-1	Doubler	s048935	ST220	6
005092	S104262	D5179-3	Doubler	S044969	ST220	2
005092	S104263	D5179-3	Doubler	S048931	ST220	4
005092	S051509	D5194-1	Doubler	S051508	ST220	2
005092	S048585	LN9038-05012	Bolt		ST565	14
005092	S070323	LN9038-05012	Bolt	S051912	ST565	36
005092	S071726	LN9038-05012	Bolt		ST564	50
005092	S104049	LN9038-05016	Bolt	fm132469	HandFinish4	6
005092	S104106	LN9038-05040	Bolt	fm136260	HandFinish4	3
005092	S074902	LN9348-05	Nut		ST565	45
005092	S014744	MS21919WCH12	Clamp		HandFinish4	2
005092	S104074	MS21919WCH12	Clamp	s089243	HandFinish4	1
005092	S104107	MS9592-138	Bracket	S014155	HandFinish4	3

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 8/22/18 3:46 PM Dart.joly.jocelyne

REFERENCE ONLY

DART AEROSPACE LTD.

IIN-D350-822

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5.0 PARTS LIST

QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		D350-822-011	PA100 PUREAIR SYSTEM
	X	D350-822-013	PA100 PUREAIR PROVISIONS
1		QB05008	PUREAIR SYSTEM
1**		QR10616	TUBE REPAIR KIT
1**		QB21304	PUREAIR PANEL ASSY
1**		QB21310	TRANSITION DUCT ASSY
1**		QB21308	FOD SCREEN ASSY
15**		LN29985-A05	ANCHOR NUT
56**		LN9038-05018	BOLT
56**		BS4320-A5	WASHER
40**		MS20426AD3-3	RIVET
1	1	650.0401	PUREAIR FAIRING ASSY
1	1	D4925-041	MOUNTING PLATE ASSY
1*	1*	D4931-1	ENGINE FITTING
1*	1*	D4931-3	ENGINE FITTING
1*	1*	D4931-5	ENGINE FITTING
6	6	D4935-1	MOUNTING BRACKET
1	1	D4943-1	FLEX HOSE
1	1	D4961-041	TUBE ASSEMBLY
1	1	D4961-043	TUBE ASSEMBLY
2	2	D5079-1	PLACARD
1	1	D5090-041	DUCT ASSEMBLY
2	2	D5105-1	HANDLE
1	1	D5110-1	SWIVEL NUT FITTING
2	2	D5179-1	DOUBLER
2	2	D5179-3	DOUBLER
2	2	D5194-1	DOUBLER
3	3	D5208-041	BLANKING PLATE ASSY
1	1	D5526-1	HOSE PROTECTOR
1	1	D5526-3	HOSE PROTECTOR
2	2	23350CA050	LOCKING TAB
1*	1*	9752100180	GASKET
1*	1*	9945000120	GASKET
1*	1*	706A33-201-001	GASKET (OR 9945000160)
2	2	22208CM050016E	SCREW
2	2	AS1034J1212	ELBOW (OR AN821-12K OR AN821-12S OR AN821-12J)
1	1	AN929-12J	CAP
70	70	BS4320-A5	WASHER (OR NAS1149D0332J)
36	36	LN9038-05012	BOLT
2	2	LN9038-05016	BOLT
1	1	LN9038-05040	BOLT
32	32	LN9348-05	NUT
18	18	MS20470AD3-4	RIVET
1	1	MS21919WCH12	CLAMP (OR MS21919WHG12)
1	1	MS9592-138	BRACKET
1	1	NAS43DD3-64	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

** PART OF QB05008 ABOVE

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Revision: H

Date: 18.06.03

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